ENGINE CONTROLS

The turboprop engines on the XC-132 are controlled by two levers, a power lever which controls both the engine fuel flow and the propeller blade angle and a condition lever which controls propeller feathering and the engine fuel shut off valve.

The power lever quadrant is installed in accordance with the Handbook of Instructions for Airplane Designers (ARDCM80-1) and is divided by a lift detent into the normal flight range and the ground handling range. The ground range is in turn divided into a forward thrust range and a reverse range.

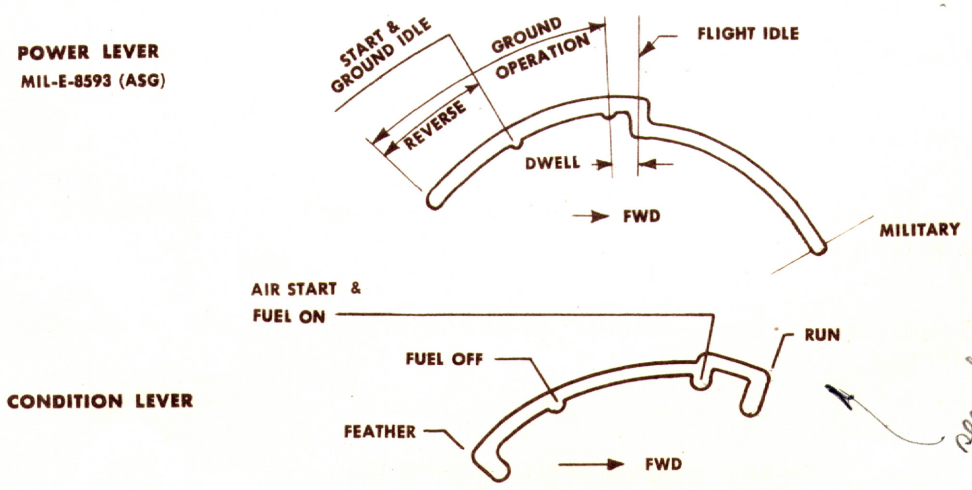
The condition lever conforms to AMC Drawing number S53C10270 as shown below. The quadrant is divided into four detented positions as follows:

1. Feather (farthest aft)
2. Fuel-off
3. Air start and fuel-on
4. Run (farthest forward)

The end positions of "Feather" and "Run" are protected by lift detents.

For detailed starting proceedure, see Starting System.

ENGINE CONTROL QUADRANTS



rec changes per memo 8895-W dated 10/18/54 R. Reynolds 10/26/54